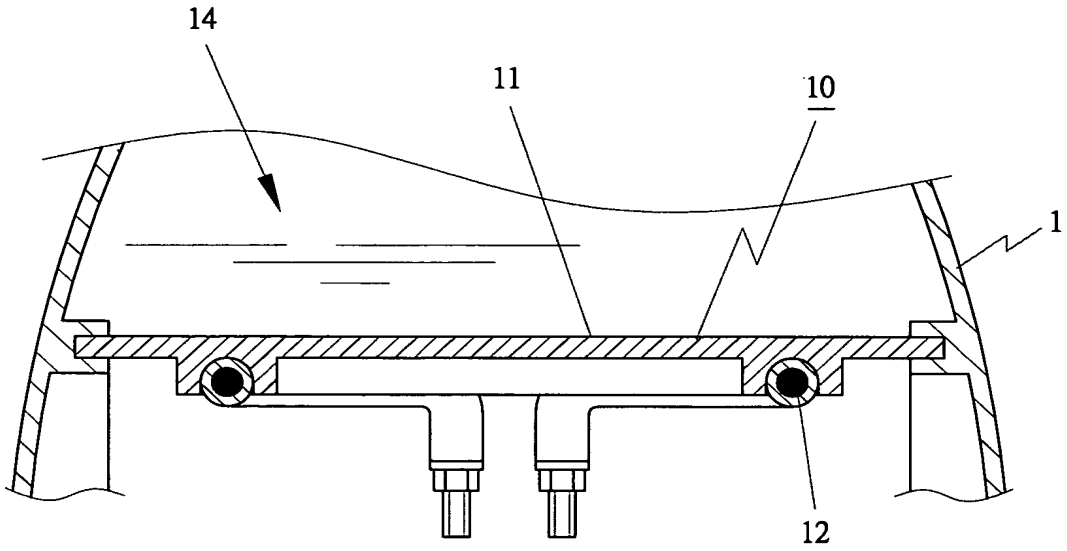

FIG 1 (PRIOR ART)

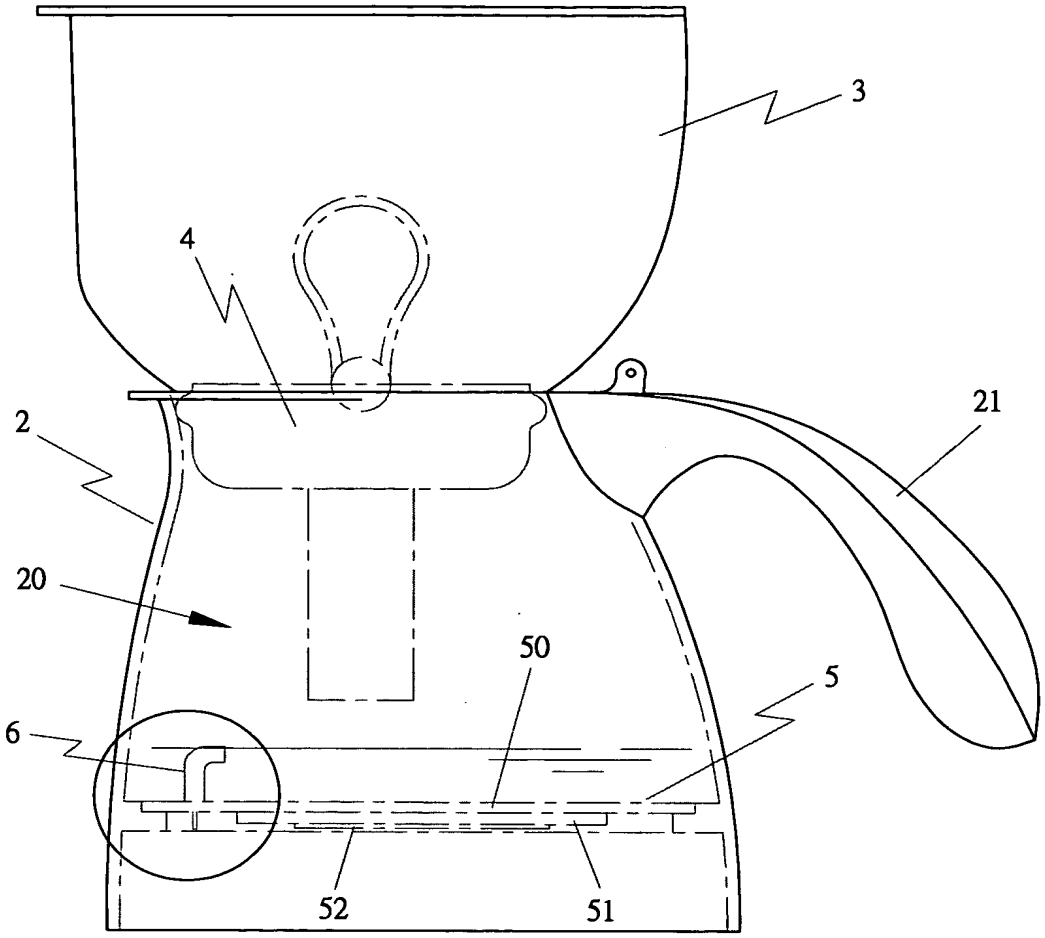

FIG 2

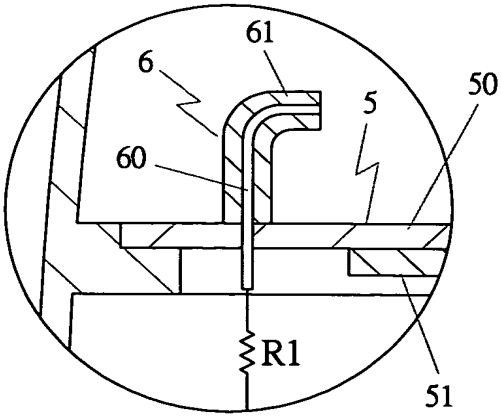

FIG 3

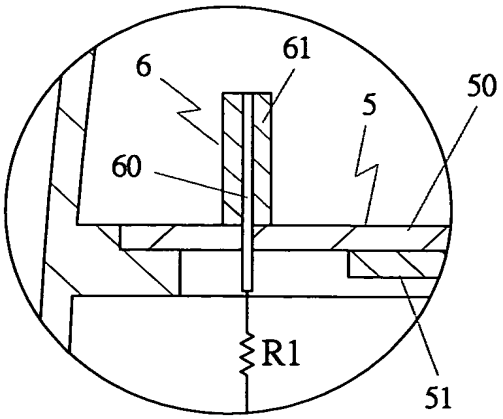

FIG 4

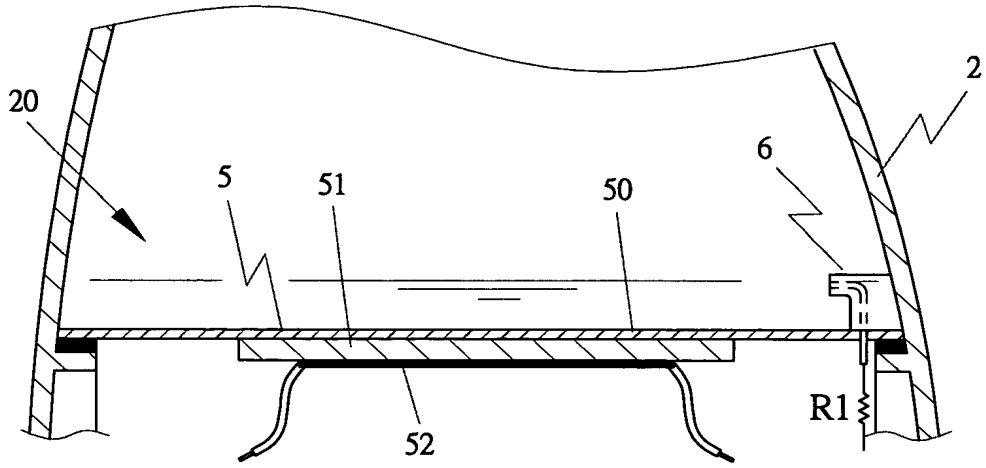

FIG 5

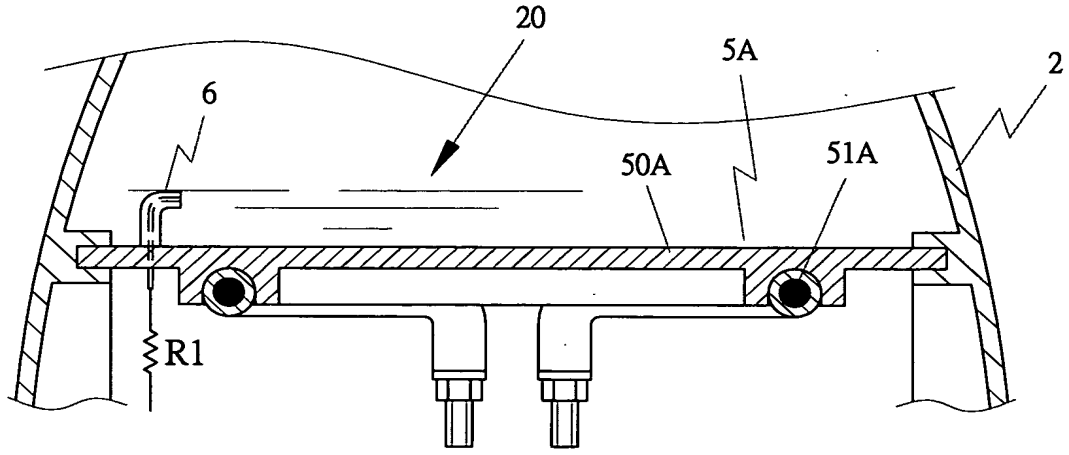

FIG 6

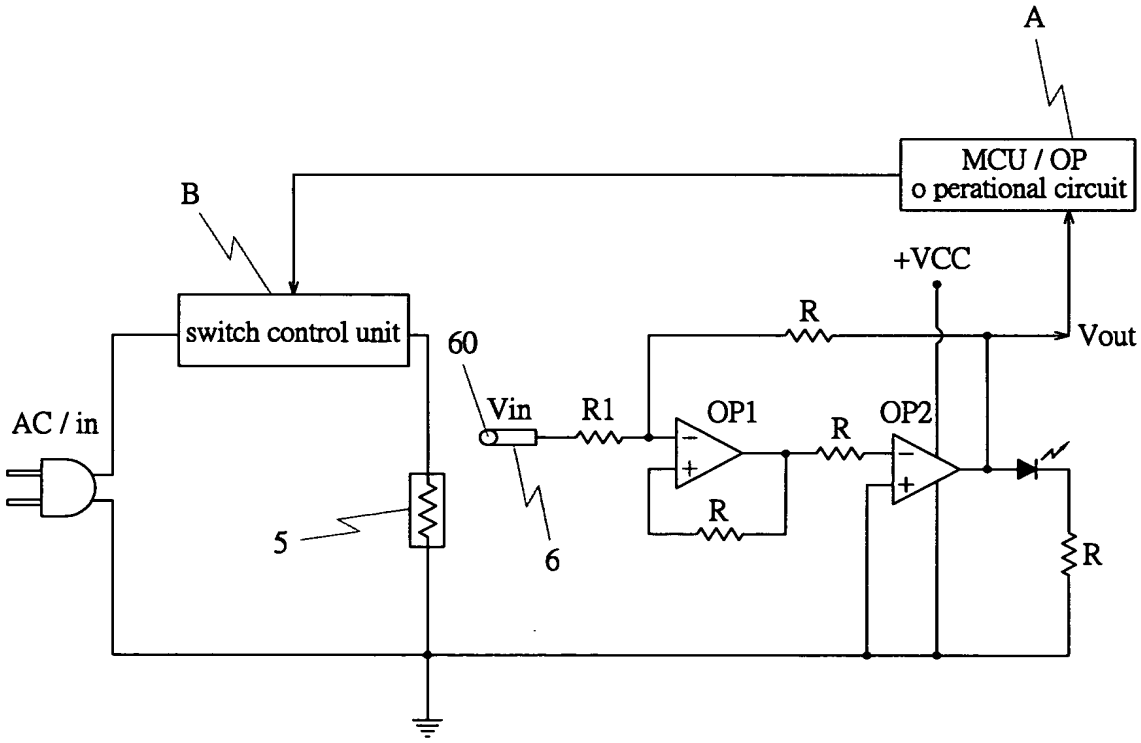
A
MCU / OP
o perational circuit
B
switch control unit
+VCC
R
Vout
60
Vin
R1
OP1
R
OP2
AC / in
5
6
R
R

FIG 7